



# MOSH/MOAH



## STRONG ROOTS, MODERN SOLUTIONS – SWISS ANALYTICS EXPERTISE SINCE 1930

SQTS (Swiss Quality Testing Services) is a leading Swiss testing institute with almost 100 years of experience and expertise. With our locations in Dietikon (Canton of Zurich) and St-Aubin (Canton of Fribourg) we offer comprehensive analytical and consulting services in food, food contact materials (FCM) and non-food sectors.

OUR ACCREDITATION according to ISO/IEC 17025 guarantees the highest reliability and quality. We conduct over 97% of our analyses in Switzerland. With an international network of partners and over 160 specialists, we are a trusted partner for companies that must comply with legal and their own standards.



## MOSH/MOAH

### MOSH =

#### Mineral Oil Saturated Hydrocarbons

These are saturated hydrocarbons from mineral oil. They consist of paraffins (aliphatic hydrocarbons) and naphthenes (cyclic hydrocarbons), which are usually highly alkylated and either originate directly from petroleum or were formed by the hydrogenation of aromatics and further transformation processes during refining.

### MOAH =

#### Mineral Oil Aromatic Hydrocarbons

These are hydrocarbons from mineral oil that consist of highly alkylated mono- and/or polyaromatic rings. In partially hydrogenated mineral oils, saturated and aromatic rings also occur side by side. Hydrocarbons with at least one aromatic ring are attributed to MOAH, even if they consist predominantly of saturated carbons.

### MOH =

#### Mineral Oil Hydrocarbons Combination of MOSH + MOAH

### MORE =

#### Highly Purified Mineral Oil (only MOSH)

In the production of highly purified mineral oils (also called MORE: mineral oil refining products), the aromatic hydrocarbons are removed in a special process. They can enter the food as lubricants (food grade) in the form of approved, refined “mineral oil products” through the use of auxiliary and additional substances. MORE belong to the MOSH analogues.

### POSH =

#### Polyolefin Oligomeric Saturated Hydrocarbons

These are saturated hydrocarbons that can migrate into food from polyolefins (e.g., polyethylene, polypropylene) and related products.

SWISS  
PRECISION  
AND EXCELLENT  
ANALYTICS  
GO HAND  
IN HAND



#### KONTAKT

Lerzenstrasse 16  
CH-8953 Dietikon  
T +41 58 577 11 11  
[info@sqts.ch](mailto:info@sqts.ch)

Route de la Petite Glâne 28  
1566, St-Aubin  
T +41 58 577 11 11  
[info@sqts.ch](mailto:info@sqts.ch)



[www.sqts.ch](http://www.sqts.ch)

